

Substitute Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
10449-028002Application No.  
10/814,356Information Disclosure Statement  
by Applicant  
(Use several sheets if necessary)

(37 CFR § 1.98(b))

Applicant  
Koji HayashiFiling Date  
March 31, 2004Group Art Unit  
2655

## U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,860,272	08/1989	Nishikawa et al.			
	AB	6,269,059 B1	07/2001	Kuroda, et al.			
	AC	6,522,608B1	02/2003	Kuroda, Kazuo			
	AD	6,755,211 B1	08/2004	Tsukihashi, Akira			
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature

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Date Considered

9/28/05

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10449-028002	Application No. 10/814,356
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Koji Hayashi	
		Filing Date March 31, 2004	Group Art Unit 2655

### U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	6,055,216	04/25/00	Shintani			
	AB						
	AC						
	AD						
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	AI						
	AJ						
	AK						

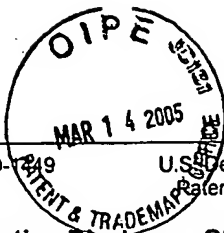
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	Applicant <b>Koji Hayashi</b>		
	Filing Date <b>March 31, 2004</b>	Group Art Unit <b>2655</b>	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	6,587,416	07/01/03	Tsukihashi			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
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Koji Hayashi

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Group Art Unit

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## U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	6,570,832	05/27/03	Yamamoto			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## Foreign Patent Documents or Published Foreign Patent Applications

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							Yes	No
	AL							
	AM							
	AN							
	AO							
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	AQ	
	AR	
	AS	
	AT	

Examiner Signature

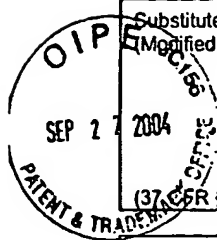
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Substitute Disclosure Form (PTO-1449)



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<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant <b>Koji Hayashi</b>	
		Filing Date March 31, 2004	Group Art Unit 2655

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
8	AA	6,198,707	03/06/01	Yamamoto			

**Foreign Patent Documents or Published Foreign Patent Applications**

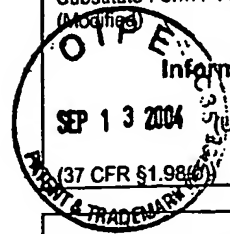
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							YES	NO
8	AB	1-312736	12/18/1989	Japan			Partial	
	AC	5-282696	10/29/93	Japan			Partial	
	AD							
	AE							
	AF							

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AG	

Examiner Signature <i>Psh</i>	Date Considered <i>9/28/05</i>
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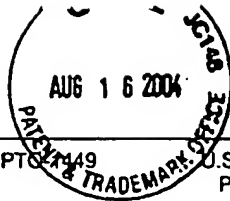


U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
8	AA	6,693,857	02/17/2004	Willis			
	AB	6,594,213	07/15/2003	Hayashi			
	AC	6,538,962	03/25/2003	Hyun			
	AD	6,272,084	08/07/2001	Maeda			
	AE	6,219,309	04/17/2001	Kuroda et al.			
	AF	5,831,955	11/03/1998	Arataki et al.			
	AG	5,680,379	10/21/1997	Ishida et al.			
	AH	5,586,093	12/17/1996	Honda et al.			

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation <input type="checkbox"/> Yes <input type="checkbox"/> No
8	AI	0 507 571	10/07/1992	Europe			

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AJ	

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		<b>Applicant</b> Koji Hayashi	
		<b>Filing Date</b> March 31, 2004	<b>Group Art Unit</b> 2655

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(37 CFR §1.98(b))

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
C	AA	4,507,767	03/26/85	Takasugi			
	AB	4,546,462	10/08/85	Koishi et al.			
	AC	4,800,548	01/24/89	Koishi et al.			
	AD	4,831,611	05/16/89	Sasaki et al.			
	AE	4,858,219	08/15/89	Yoshikawa			
	AF	5,010,534	04/23/91	Enari et al.			
	AG	5,161,144	07/03/92	Takeuchi et al.			
	AH	5,170,389	12/08/92	Numata et al.			
	AI	5,212,678	05/18/93	Roth et al.			
	AJ	5,220,545	06/15/93	Tomimitsu			
	AK	5,289,440	02/22/94	Bakx			
	AL	5,305,298	04/19/94	Yokata			
	AM	5,317,553	05/31/94	Ohga et al.			
	AN	5,436,875	06/25/95	Shinada			
	AO	5,463,607	10/31/95	Roth et al.			
	AP	5,477,516	12/19/95	Takezawa			
	AQ	5,491,677	02/13/96	Sasaki			
	AR	5,521,893	05/28/96	Yamasaki			
	AS	5,532,991	07/02/96	Sasaki			
	AT	5,692,366	12/02/97	Hardesty			
C	AU	5,745,445	04/28/98	Yasukohchi et al.			
	AV	5,815,472	09/29/98	Kuroda et al.			
	AW	5,818,801	10/06/98	Watanabe et al.			
	AX	5,910,935	06/08/99	Takagi et al.			
	AY	5,953,291	09/14/99	Yasukohchi et al.			
	AZ	6,055,216	04/25/00	Shintani			
	AAA	6,084,731	07/04/00	Uchida et al.			

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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	ABB	6,115,337	09/05/00	Takagi et al.			
	ACC	6,208,599	03/27/01	Misao Fukuda			
	ADD	6,272,084	08/07/01	Maeda			
	AEE	6,438,083	08/20/02	Kroon			
	AFF	6,487,616	11/26/02	Hayashi			
	AGG	6,538,962	03/25/03	Hyun			
	AHH	6,584,053	06/24/03	Tsukihashi			
	AII	6,594,213	06/15/03	Hayashi			

Foreign Patent Documents or Published Foreign Patent Applications								
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							Yes	No
	AJJ	0 507 571	10/07/92	Europe				
	AKK	0 974 966	01/26/00	Europe				
	ALL	2-223066	09/05/90	Japan				
	AMM	3-228266	10/09/91	Japan				
	ANN	4-103079	04/06/92	Japan				
	AOO	8-147879	06/07/96	Japan				
	APP	10-49990	02/20/98	Japan				
	AQQ	10-63433	03/06/98	Japan				
	ARR	11-259982	09/24/99	Japan				
	ASS	63-52393	03/05/88	Japan				
	ATT	2000-40302	02/08/00	Japan				
	AUU	H11-66745	03/09/99	Japan				
	AVV	JP-1312736 Abstract only	12/18/89	Japan				
	AWW	JP-3260958 Abstract only	11/20/91	Japan				
AXX	JP-6076401 Abstract only	03/18/94	Japan					

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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
<i>S</i>	AYY	JP-6162511 Abstract only	06/10/94	Japan				
<i>Y</i>	AZZ	JP-10241165 Abstract only	09/11/98	Japan				
	AAAA	1998-028125	07/15/98	Korea				
<i>S</i>	ABBB	1999-024893	04/06/99	Korea				

Examiner Signature <i>Psh</i>	Date Considered <i>8/28/05</i>
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